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DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
130 Water Street
Boston, Massachusetts 02109

Attorney's Docket No. 70904/56651

Page 1 of 5

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PORTABLE INFORMATION APPARATUS

which is described and claimed in:

- ☒ the specification attached hereto.
- ☐ the specification in U.S. Application Serial Number _____, filed on _____.
- ☐ the specification in PCT international application Number _____, filed on _____; and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for parent or inventor's certificate listed below and have also identified below any foreign application for parent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. 119:			
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. 119?
2000-336758	Nov. 2, 2000	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2001-269571	Sep. 5, 2001	Japan	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

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I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applications or PCT International Applications Designating the U.S-Benefit Under 35 U.S.C. §120				
U.S. Applications		Status (Check One)		
Application Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
PCT Applications Designating the U.S.				
Application No.	Filing Date	U.S. Serial No. Assigned		

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(35 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Sewall P. Bronstein (Reg. No. 16,919)
David G. Conlin (Reg. No. 27,026)
George W. Neuner (Reg. No. 26,964)
Ernest V. Linck (Reg. No. 29,822)

Linda M. Buckley (Reg. No. 31,003)
Ronald L. Eisenstein (Reg. No. 30,628)
Henry D. Patis, Jr. (Reg. No. 20,438)
Peter J. Manus (Reg. No. 26,766)

David S. Resnick (Reg. No. 34,235)
Peter F. Cortess (Reg. No. 33,860)

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SEND CORRESPONDENCE TO: Dike, Bronsman, Roberts & Cushman, LLP 150 Water Street Boston, Massachusetts 02109	DIRECT TELEPHONE CALLS TO: (617) 525-3400
---	---

2 0 1	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		Kishimoto	Satoru	
		Tenri-shi	Nara Japan	Japan
		2613-1-1018, Ichinomoto-cho	Tenri-shi	Nara 632-0004 Japan

2 0 1	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		Tsuda	Kazuhiko	
		Ikoma-gun	Nara Japan	Japan
		13-9, 3-chome Midorigaoka Heguri-cho	Ikoma-gun	Nara 636-0941 Japan

2 0 3	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		Mizukata	Katsuya	
		Shijonawate-shi	Osaka Japan	Japan
		7-2-2-103, Tawaradai	Shijonawate-shi	Osaka 575-0013 Japan

2 0 4	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE
		Kato	Kenichi	
		Higashihiroshima-shi	Hiroshima Japan	Japan
		897-2-205, Doyomaru Saijo-cho	Higashihiroshima-shi	Hiroshima 739-0003 Japan

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2 0 5	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

2 0 6	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

2 0 7	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

2 0 8	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY AND ZIP CODE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201 <i>Satoru Kishimoto</i>	Signature of Inventor 202 <i>Haruhiko Tonda</i>
Date: October 18, 2001	Date: October 18, 2001

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Signature of Inventor 203 <i>Katsuya Miyakata</i>	Signature of Inventor 204 <i>Kenichi Hatoh</i>
Date: October 18, 2001	Date: October 18, 2001
Signature of Inventor 205	Signature of Inventor 206
Date:	Date:
Signature of Inventor 207	Signature of Inventor 208
Date:	Date:

Doc' No.: 70904/56651

M PTO-1595 (Modified)
03-01)
No. 0651-0027 (exp 5/31/2002)
vREV03

RECORDATION FORM COVER SHEET

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Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

Name of conveying party(ies):

Satoru KISHIMOTO

Kazuhiko TSUDA

Katsuya MIZUKATA

Kenichi KATOH

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: October 18, 2001

2. Name and address of receiving party(ies):

Name: SHARP KABUSHIKI KAISHAAddress: 22-22 Nagaike-cho Abeno-kuCity: OsakaState/Prov: Country: JAPANZIP: 545-8522

Additional name(s) & address(es)

☐ Yes ☒ No

Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: October 18, 2001

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☐ No

Name and address of party to whom correspondence concerning document should be mailed:

Name: Timothy Carter PledgerRegistration No. 29,424Address: Dike, Bronstein, Roberts & CushmanIntellectual Property Practice Group, Edwards & AngellP.O. Box 9169City: BostonState/Prov.: MACountry: USAZIP: 022096. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

04-1105

(Attach duplicate copy of this page if paying by deposit account)

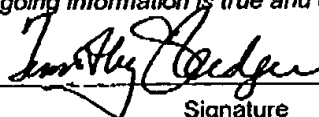
DO NOT USE THIS SPACE

Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Timothy Carter Pledger Reg. No. 29,424

Name of Person Signing



Signature

November 2, 2001

Date

Total number of pages including cover sheet, attachments, and

3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

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We Satoru KISHIMOTO
Kazuhiko TSUDA
 and Katsuya MIZUKATA
 for good and valuable consideration from SHARP KABUSHIKI KAISHA
 a Japanese corporation,
 having its principal place of business in Osaka, Japan,
 hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby
 sell, assign and transfer unto the Assignee, its successors and assigns, the entire
 right, title and interest in, to and under an application for Letters Patent of the
 United States Serial No. filed on * signed by us
 for Improvements in PORTABLE INFORMATION APPARATUS

including all priority rights ensuing therefrom, and the inventions and any of them
 therein set forth and described, and any and all Letters Patent of the United States
 and of countries foreign thereto which may be granted thereon or therefor, together
 with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee,
 its successors or assigns, to execute and deliver without further compensation any
 power of attorney, assignment, application, whether original, divisional, continuation
 or reissue, or other papers which may be necessary or desirable fully to secure to the
 Assignee, its successors and assigns, the inventions and any of them described in said
 application and all patent rights therein, in the United States and in any country
 foreign thereto.

The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts &
 Cushman the power to insert on this Assignment any further identification
 which may be necessary or desirable in order to comply with the rules of the
 U.S. Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I, Satoru KISHIMOTO, hereunto set my
 hand and seal this 18th day of October, 2001, I, Kazuhiko TSUDA
hereunto set my hand and seal this 18th day of October
2001 and I, Katsuya MIZUKATA, hereunto set my hand and seal
 this 18th day of October, 2001.

Satoru Kishimoto

Kazuhiko Tsuda

Katsuya Mizukata

Commonwealth (State) of _____ ss.
 County of _____

Before me this _____ day of _____, 19____, personally appeared
 _____, who is to me personally known, and acknowledged
 the foregoing instrument of assignment to be [her] his free act and deed.

 Notary Public

Commonwealth (State) of _____ ss.
 County of _____

Before me this _____ day of _____, 19____, personally appeared
 _____, who is to me personally known, and acknowledged
 the foregoing instrument of assignment to be [her] his free act and deed.

 Notary Public

*Where the application is assigned before it is filed,
 and hence has no Serial No., this shall be left blank.

ASSIGNMENT

COPY

We Kenichi KATOH
 and SHARP KABUSHIKI KAISHA
 for good and valuable consideration from SHARP KABUSHIKI KAISHA
 a Japanese corporation,
 having its principal place of business in Osaka, Japan
 hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby
 sell, assign and transfer unto the Assignee, its successors and assigns, the entire
 right, title and interest in, to and under an application for Letters Patent of the
 United States Serial No. filed on * signed by us
 for Improvements in PORTABLE INFORMATION APPARATUS

including all priority rights ensuing therefrom, and the inventions and any of them
 therein set forth and described, and any and all Letters Patent of the United States
 and of countries foreign thereto which may be granted thereon or therefor, together
 with the right to apply for such Letters Patent.

And for the above consideration we agree promptly upon request of the Assignee,
 its successors or assigns, to execute and deliver without further compensation any
 power of attorney, assignment, application, whether original, divisional, continuation
 or reissue, or other papers which may be necessary or desirable fully to secure to the
 Assignee, its successors and assigns, the inventions and any of them described in said
 application and all patent rights therein, in the United States and in any country
 foreign thereto.

The undersigned hereby grant(s) the law firm of Dike, Bronstein, Roberts &
 Cushman the power to insert on this Assignment any further identification
 which may be necessary or desirable in order to comply with the rules of the
 U.S. Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I, Kenichi KATOH, hereunto set my
 hand and seal this 18th day of October, 2001, I,
hereunto set my hand and seal this day of
and I, hereunto set my hand and seal
 this day of

Kenichi Katoh

Commonwealth [State] of _____ ss.
 County of _____

Before me this _____ day of _____, 19____, personally appeared
 _____, who is to me personally known, and acknowledged
 the foregoing instrument of assignment to be [her] his free act and deed.

 Notary Public

Commonwealth [State] of _____ ss.
 County of _____

Before me this _____ day of _____, 19____, personally appeared
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 and hence has no Serial No., this shall be left blank.